

## 1000 Gallon Single (&amp; 2) Compartment

\*\*\* Enter Dimensions in Inches \*\*\*

Tank Length = A = 96.00	(Calc. Based on 1/3 / 2/3)	Round off to:
Tank Width = B = 67.00	Lgth of 1st Cmp 59.33	59
Tank Height = C = 62.00	Lgth of 2nd Cmp 29.67	30
Wall Thickness = D = 2.50	*** Except or Override Compartment Dimensions ***	
Lid Thickness = E = 4.00	Lgth of 1st Cmp. 59	
Floor Thickness = F = 4.00	Lgth of 2nd Cmp. 30	
Wall Taper = G = 2.00	Total 89	89
Liquid Level = H = 45.00	(Total must equal this dimension)	
Distance In/Out = I = 2.00		

## \*\*\* Air Space \*\*\*

Air Space = J = 9.00
% of Air Space = K = 20%

## \*\*\* Lengths &amp; Widths \*\*\*

Inside Lgth @ Top = L = 91.00
Inside Width @ Top = M = 62.00
Inside Lgth @ Btm = N = 87.00
Inside Width @ Btm = O = 58.00
Inside Lgth of 1st Cmp = P = 59.00
Inside Lgth of 2nd Cmp = Q = 30.00
Lgth @ Btm of 1st Cmp = R = 55.50
Lgth @ Btm of 2nd Cmp = S = 26.50
Width @ Bottom of Tank = T = 63.00
Lgth @ Bottom of Tank = U = 92.00

## \*\*\* Heights \*\*\*

Inside Height = V = 54.00
Inlet Height = W = 51.00
Outlet Height = X = 49.00
Space above Inlet = Y = 3.50

## \*\*\* Tank Capacities \*\*\*

Total Gal.- Single Cmp = 1030
Gallons of 1st Comp. = 662
Gallons of 2nd Comp. = 325
Gal. of 1st + 2nd Comp. = 987
Total Gallons (Full to Lid) = 1249

## \*\*\* Gallons Per Inch \*\*\*

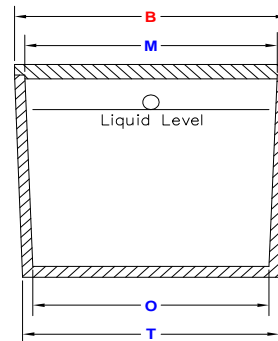
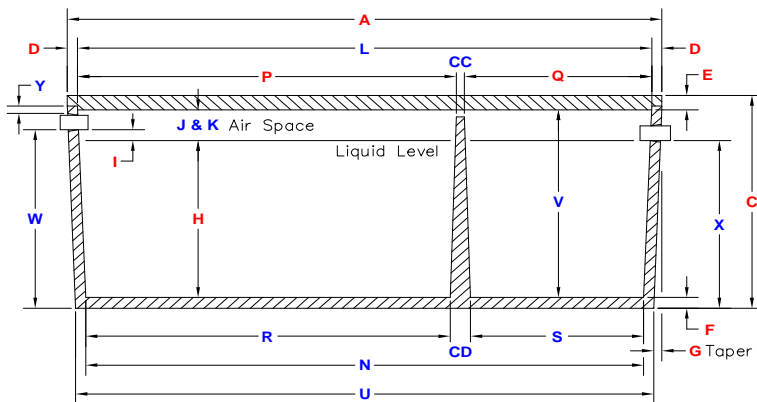
Gal/In (Single) = 22.9
Gal/In (1st cmp) = 14.7
Gal/In (2nd cmp) = 7.2

## \*\*\* Tank Weights \*\*\*

	2 Cmp	Single Cmp
Weight of Tank = 6705.3	5798.2	
Weight of Lid = 2164.8	2164.8	
Total Weight of Tank = 8870.1	7963.0	

## \*\*\* Volume of Concrete \*\*\*

	2 Cmp	Single Cmp
Tank - Cubic Yards = 1.66	1.43	
Lid - Cubic Yards = 0.55	0.55	
Total Cubic Yards = 2.21	1.98	



The Company/Persons named above shall be given written permission upon purchase of the Concrete Form to duplicate and promote sales literature on this septic tank by:

Francis Melvin Companies

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